United States Department of Agriculture
Forest Service
FPM
3620 Interstate 85, N.E.
Doraville, Georgia 30340

Reply to: 3420 Detection

Date: August 22, 1984

Subject: Aerial Detection Survey (Report #84-3-14)

To: Distribution

Enclosed is a copy of Aerial Detection Survey Report #84-3-14 "Aerial Detection Survey of Southern Pine Beetle Activity on the Sumter National Forest, Enoree Division, Tyger and Enoree Districts, South Carolina". If you have questions or desire additional information, contact Emmett Wilson at the above address or telephone (404) 221-4796 or FTS 242-4796.

William A. Carothers

J. DENNY WARD
Supervisory Entomologist

Enclosure

Distribution:

Forest Supervisor, Francis Marion and Sumter NF
District Ranger, Enoree RD
Bruce Lake, Enoree RD
District Ranger, Tyger RD
Cliff Hickson, Tyger RD
Regional Forester (through FPM)
FPM - 2
Alexandria - 2
Asheville - 2

FOREST PEST MANAGEMENT

Southern Region - Region 8

Report No. 84-3-14 **Date: August 20, 1984**

AERIAL DETECTION SURVEY OF SOUTHERN PINE BEETLE ACTIVITY
ON THE SUMTER NATIONAL FOREST, ENOREE DIVISION, TYGER AND ENOREE DISTRICTS

LAND OWNERSHIP OR SURVEY AREA: Sumter National Forest Enoree District

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 400,000 acres

DATE: 8/15/84

PERCENT COVERAGE: 100 percent

AIRCRAFT: Cessna 210

CREW: E. T. Wilson, FPM; Bruce Lake and Cliff Hickson, District Personnel

REPORT PREPARED BY: E. T. Wilson

SURVEY OBJECTIVES

The aerial survey was flown to detect and locate southern pine beetle, Dendroctonus frontalis, activity on the Tyger and Enoree Ranger Districts, Enoree Division, Sumter National Forest.

SURVEY RESULTS

A total of nineteen suspected southern pine beetle spots containing eighty-six red and fading trees were observed and mapped within the Enoree Division Boundary (Table 1). Spot locations were plotted on a composite map for appropriate action to be initiated by District personnel.

CONCLUSION

Southern pine beetle activity is at a low level on the Tyger and Enoree Ranger Districts at this time. An aerial detection flight will not have to be scheduled until late Spring 1985.

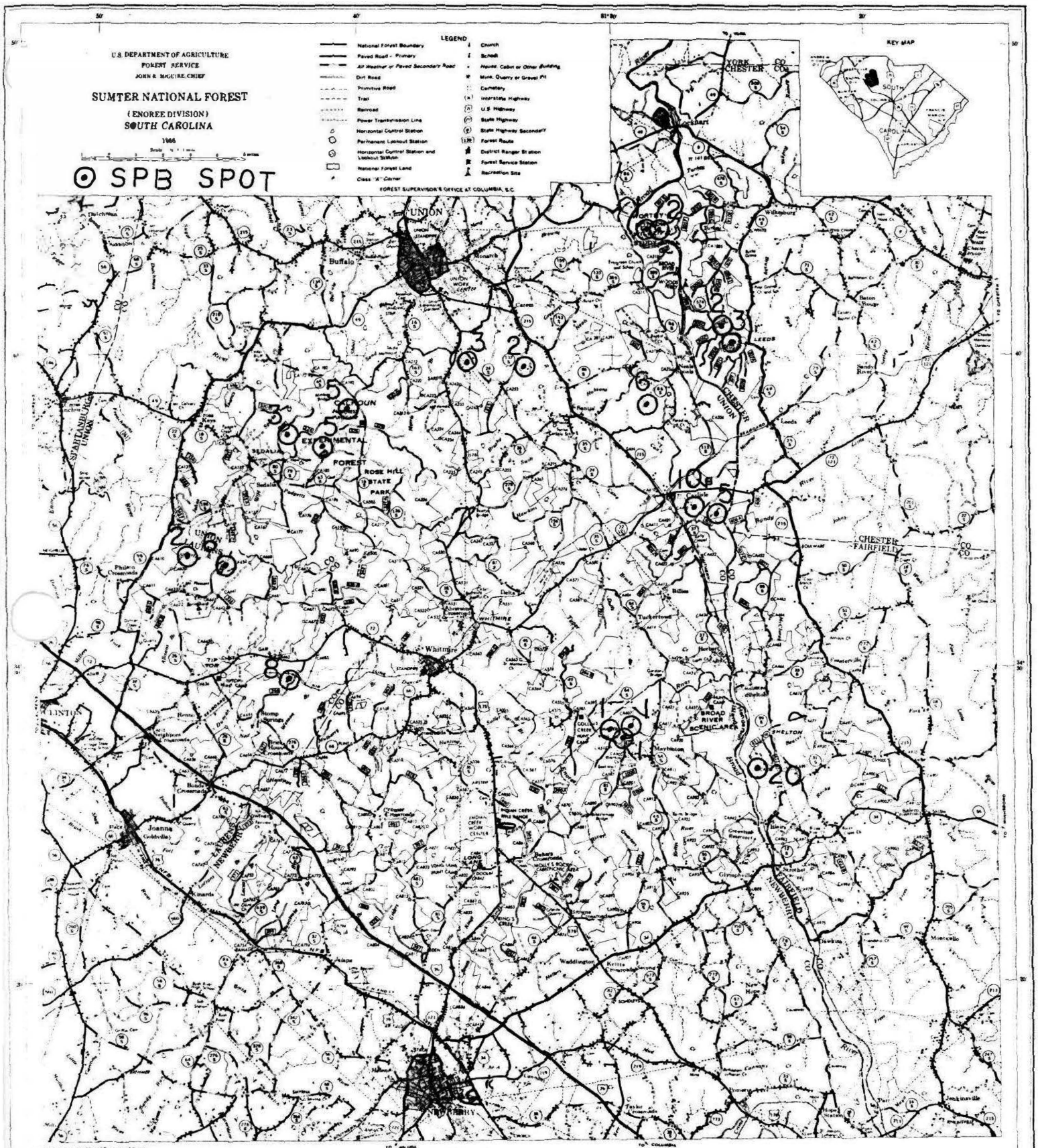
TABLE 1. SUMMARY OF AERIAL SURVEY DATA, TYGER AND ENOREE DISTRICTS, SUMTER NATIONAL FOREST, AUGUST 15, 1984

TYGER DISTRICT

Ownership	Single Spots/Trees	2-10 Spots/Trees	11-25 Spots/Trees	26-50 Spots/Trees	Total
Private	--	4/24	--	--	4/24
Federal	1/1	8/28	--	--	9/29
Total	1/1	12/52	--	--	13/53

ENOREE DISTRICT

Ownership	Single Spots/Trees	2-10 Spots/Trees	11-25 Spots/Trees	26-50 Spots/Trees	Total
Private	--	1/2	1/20	--	2/22
Federal	3/13	1/8	--	--	4/11
Total	3/3	2/10	1/20	--	6/33



Enoree Division, Sumter National Forest, South Carolina
Aerial Survey - August 15, 1984